

IFW

500.38242CX1



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: H. Tabuchi, et al.  
Serial No.: 10/687,637  
Filed: October 20, 2003  
For: DISK SUBSYSTEMS AND THEIR INTEGRATED SYSTEM  
Group: 2153

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 & 1.98**

June 2, 2005

Mail Stop: Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In the matter of the above-identified application, applicants are submitting herewith copies of any foreign or publication (i.e. articles) documents. Applicants also submit that copies of any U.S. Patents are not being submitted since these documents can be easily obtained by the United States Patent and Trademark Office as listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of the first Office Action on the merits.

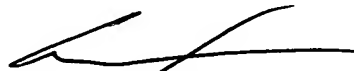
Although some of the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98 (a) (3) for a concise explanation of the relevance is satisfied by the attached English language abstracts.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Mattingly, Stanger, Malur & Brundidge, P.C. Deposit Account No. 50-1417 (Case:500.38242CX1 ), and please credit any excess fees to such deposit account.

Respectfully submitted,

Mattingly, Stanger & Malur, Brundidge, P.C.

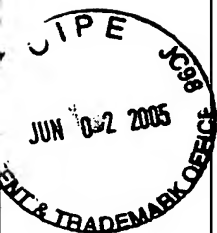


---

Carl J. Brundidge  
Registration No. 29,621

CIB/nac

Attachments



Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.38242CX1	SERIAL NO. 10/687,637
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		APPLICANT Tabuchi, et al.	
		FILING DATE October 20, 2003	GROUP 2153

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
AA	2001/0010070	07-26-2001	Crockett et al.			
AB	6,260,124	07-10-2001	Crockett et al.			
AC	6,044,444	03-28-2000	Ofek			
AD	5,949,970	09-07-1999	Sipple			
AE	5,870,637	02-09-1999	Kern et al			
AF	5,845,328	12-01-1998	Maya et al			
AG	5,799,141	08-25-1998	Galipeau			
AH	5,544,347	08-16-1996	Yani et al			
AI	5,257,352	10-26-1993	Yamamoto			
AJ	5,799,141	08-1998	Galipeau et al			
AK	6,408,370	06-2002	Yamamoto et al			
AL	5,577,222	11-1996	Micka et al			

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Abstract	
						Yes	No
AM	11-85408	03-30-1999	JP			X	
AN	EP0902370A2	03-17-1999	EP			X	
AO	09-325917	12-16-1997	JP			X	
AP	0672885	09-20-1995	EP			X	
AQ	0671666A2	09-13-1995	EP			X	
AR							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AU	"IBM 3990/9390 Storage Control", 9 <sup>th</sup> Edition Oct. 1996, pp.23-26 and 78-89.
AV	
AW	
AX	
AY	
AZ	
Examiner	Date Considered



Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.38242CX1	SERIAL NO. 10/687,637
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		APPLICANT Tabuchi, et al.	
		FILING DATE October 20, 2003	GROUP 2153

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
AA	5,446,871	08-29-1995	Shomler et al.			
AB	5,544,347	08-06-1996	Yanai et al.			
AC	5,742,972	04-21-1998	Yanai et al.			
AD	US/09/526,948		Tabuchi et al.			03/16/00
AE	US/09/513,932					02/28/00
AF	US2003/0782526A1	09-2003	Mikkelsen et al.			
AG	6,539,462B1	03-2003	Mikkelsen et al.			
AH	5,720,029	02-1998	Kern et al.			
AI	5,615,329	03-1997	Kern et al.			
AJ	5,592,618	01-1997	Micka et al.			
AK						
AL						

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Abstract	
						Yes	No
AM							
AN							
AO							
AP							
AQ							
AR							
AS							
AT							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AU	
AV	
AW	
AX	
AY	
AZ	
Examiner	Date Considered